

IN THE DRAWINGS

Please amend the drawings as follows:

In FIG. 4, please change the connection between “402” and “404” to a two-way arrow; and please insert a connection from “404” and “406.”

In FIG. 5, please change the connection between “CONNECTION SETUP STATE” and “INACTIVE STATE” from
“xREVERSETRAFFICCHANNEL MAC.LINKACQUIRED” to
--TxREVERSETRAFFICCHANNEL MAC.LINKACQUIRED --.

In FIG. 6, please change the “connection” between “CONNECTION SETUP STATE” and the access network state “INACTIVE STATE” from
“REVERSETRAFFICCHANNEL MAC.LINKACQUIRED” to
--RxREVERSETRAFFICCHANNEL MAC.LINKACQUIRED--.

REMARKS

Claims 1-33 are pending in the application. In the foregoing amendments, claims 1-2, 6-7, 11-27, and 30-33 have been amended. Claims 3-5, 8-10, 28-29 have been canceled without prejudice and disclaimer to the subject matters disclosed therein. New Claims 34-35 have been added. Support for these amendments can be found in the specification and claims of the application as filed. No new matter has been added by these amendments.

Applicants wish to express appreciation to the Examiner for the courtesies extended during telephone interviews with the undersigned and the suggestions made with regard to proposed amendments. Applicants respectfully request entry of the foregoing amendments and reconsideration of the application in light of the amendments above and the remarks below.

Claim Rejections under 35 U.S.C. § 112

The Office Action rejected claims 1-33 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention.

In the foregoing amendments, claims 1-2, 6-7, 11-27, 30-33 have been amended (and claims 3-5, 8-10, 28-29 cancelled), thereby obviating these rejections. (Examples of the terms such as “unicast information” and “signature” recited in the amended claims can be found, e.g., in paragraphs 1123-1131 of the specification.)

Claim Rejections under 35 U.S.C. § 102(e)

The Office Action rejected Claims 1-4, 6-9, 11-14, 16-19, 21-24 and 26-33 under 35 U.S.C. § 102(e) as being anticipated by Butler *et al.* (U.S. Patent No. 6,111,865).

Independent claim 1, as amended, recites a method for transmitting control channel information in a telecommunication system including an access network and an access terminal, comprising: “transmitting a packet to said access terminal during a first time period, said packet including unicast information associated with said access terminal; and transmitting a set of overhead parameters during a second time period, said overhead parameters including system configuration information associated with said access network.”

The cited portions of Butler *et al.* disclose that to page a wireless terminal, a quick message is transmitted during the quick paging slot and a full page message is transmitted during the full page slot assigned to the wireless terminal (col. 4, lines 16-19). As illustrated in FIG. 2, the full page slot **32** occurs a delay **32** after the associated quick paging slots **30** to allow the wireless terminal to process the quick page message and activate additional decoding circuitry before the next full page slot (col. 4, lines 23-26).

Thus, Applicants submit that the amended claim 1 is allowable over Butler *et al.* Applicants respectfully request that the rejection of claim 1 be withdrawn.

Independent claim 30, as amended, recites features analogous to features found in independent claim 1, and is therefore allowable for at least the reasons given above with respect to claim 1. Applicants respectfully request that the rejection of claim 30 be withdrawn.

Independent claims 6, 26, 33 each recites an apparatus (e.g., an access network), comprising elements configured to “transmit a packet to an access terminal during a first time period, said packet including unicast information associated with said access terminal; and transmit a set of overhead parameters during a second time period, said overhead parameters including system configuration information associated with said access network.” Thus, claims 6, 26, 33 are allowable, for at least the reasons given above with respect to claim 1. Applicants respectfully request that the rejections of these claims be withdrawn.

Independent claim 11, as amended, recites a method for monitoring a control channel in a telecommunication system including an access network and an access terminal, comprising: “receiving a packet directed to said access terminal during a first time period; receiving a signature during said first time period; and determining whether to monitor said control channel to receive a set of overhead parameters during a second time period, based at least in part on said received signature.” Thus, Applicants submit that the amended claim 11 is allowable over Butler *et al.* Applicants respectfully request that the rejection of claim 11 be withdrawn.

Independent claim 21, as amended, recites features analogous to features found in independent claim 11, and is therefore allowable for at least the reasons given above with respect to claim 11. Applicants respectfully request that the rejection of claim 21 be withdrawn.

Independent claims 16, 32 each recites an access terminal, comprising elements configured to “receive a packet directed to said access terminal during a first time period; receive

a signature during said first time period; and determine whether to monitor said control channel to receive a set of overhead parameters during a second time period, based at least in part on said received signature.” Thus, claims 16, 32 are allowable, for at least the reasons given above with respect to claim 11. Applicants respectfully request that the rejections of these claims be withdrawn.

Claims 2-4, 7, 12-14, 17-19, 22-24, 27 each depends from one of independent claims 1, 6, 11, 16, 21, 26 and therefore are allowable as well. Applicants respectfully request that the rejections of these claims be withdrawn.

Claim Rejections under 35 U.S.C. § 103(a)

The Office Action rejected claims 4, 9, 14, 19 and 24 under 35 U.S.C. § 103(a) as being unpatentable over Butler et al., (U.S. Patent No. 6,111,865) in view of Yli-Kotila et al., (U.S. Patent No. 5,539,925).

Claims 4, 14, 19, 24 each depends from one of independent claims 1, 11, 16, 21 and therefore are also allowable as well, for at least the reasons given above. Applicants respectfully request that the rejections of these claims be withdrawn.

New Claims 34-35

Claims 34-35 each depend from independent claims 33, 32, respectfully, and therefore are also allowable.

Drawings

Applicants submit that the above amendments to the drawings do not make any substantive changes or introduce any new material, but are simply the correction of typographical errors. Applicants further submit that the amendments are consistent with the specification as originally submitted. Therefore, approval and entry of the above amendments are respectfully requested.

Applicants have concurrently filed herewith a Letter to the Official Draftsperson submitting formal drawings to replace the originally filed formal drawings, including corrected drawing informalities indicated in this amendment.

Specification

Applicants provide herewith amendments to the specification. The amendments to the specification are made by presenting marked-up replacement paragraphs which identify changes made relative to the immediate prior version.

The changes made are primarily typographical or grammatical in nature, or involve minor clarifications of some wordings.

Applicants believe these changes add no new matter to the Application and are fully supported by the original disclosure.

Other References Cited

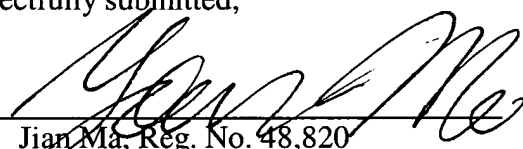
The Office Action includes a Notice of References cited. Applicants respectfully disagree with whether these references are relevant prior art and respectfully reserve the right to present such arguments and other materials, should the Examiner maintain rejection of Applicants' claims, based upon the references cited.

REQUEST FOR ALLOWANCE

In view of the foregoing, Applicants submit that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application are earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

Dated: 2/2/2005

By: 
Jian Ma, Reg. No. 48,820
(858) 651-5527

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121
Telephone: (858) 651-4125
Facsimile: (858) 658-2502